

Abstract of the Disclosure

Methods and devices for providing temporary placement of a filter in a blood vessel are disclosed. A filter delivery system in accordance with one exemplary embodiment of the present invention includes a catheter having an elongate shaft and a tubular member disposed within a shaft lumen defined by the elongate shaft. The elongate shaft also includes a proximal end, a distal end, and a wall defining the shaft lumen. The tubular member has a first end fixed to the wall of the elongate shaft, and a second end disposed within the shaft lumen. The tubular member defines a guidewire lumen that is in fluid communication with a distal guidewire port defined by the second end of the tubular member. The catheter also includes a proximal guidewire port extending through the wall of the elongate shaft. A filter may be disposed within a distal portion of the shaft lumen. A distal end of a guidewire is fixed to the filter. The guidewire preferably extends through the distal guidewire port, the guidewire lumen, and the proximal guidewire port.